BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-CONSTRUCTION OF BUILDINGS AND OTHER CIVIL WORKS AND PLAYGROUNDS IN WARD NO - 01,03 & 04 UNDER BUILDINGS/ PLAYGROUNDS / HOSPITALS HEAD IN CHIEF MINISTER NAVA NAGAROTHAN GRANTS OF YELAHANKA DIVISION (PACKAGE- 11)

Sl No.	
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION
e)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION

ABSTRACT ESTIMATE

	Buildings				
Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202.complete as per specifications and directions of the Engineer in charge.	cum	188.22	1716.12	323003.422
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	cum	188.22		
2	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. complete as per specifications and directions of the Engineer in charge.	cum	134.34	379.08	50925.89227
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	134.34		
3	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) complete as per specifications and directions of the Engineer in charge.	Sqm	625.38	92.88	58085.27768
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	625.38		
4	Dismantling plastering and removing the debris with a lead upto 200m. complete as per specifications and directions of the Engineer in charge.	Sqm	798.61	39.96	31912.36129
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	798.61		
5	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specifications and directions of the Engineer in charge.	cum	432.34	67.18	29042.68026
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	432.34		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
10	**Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge.**	Sqm	363.40	492.48	178969.2
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	305.51		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	6.65		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	51.24		
11	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs .complete as per specificaiton and directions of the Engineer in charge.**	Sqm	1298.32	432.00	560874.06
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	973.77		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	254.51		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	70.04		
12	**Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of the Engineer in charge.**	Sqm	59.90	815.40	48843.27
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	40.90		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	11.80		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	7.20		
13	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge.**	Sqm	858.06	315.36	270597.1
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	680.18		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	97.84		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	80.04		
14	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge**	Sqm	78.24	561.60	43938.01
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	51.36		

Sl No.	Description of Work	Unit	Quantity	Rate	Amount
143	**Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification and directions of the Engineer in charge.**	Sqm	82.28	1305.92	107451.09
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	82.28		
144	**Executive Bench-Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90X Length 1500 width 45 cms (Data approved rate).complete as per specification and directions of the Engineer in charge.**	Nos	17.00	18200.00	309400
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Nos	17.00		
145	**KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.**	Cum	112.75	207.60	23406.9
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	112.75		
146	**KSRRB M2100 PCC 1 KSRRB M2100-10. Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications.MORTH Specification No. 2100. complete as per specifications and directions of the Engineer in charge.**	Cum	16.11	5421.90	87346.8
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	16.11		
147	**Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm.complete as per specifications and directions of the Engineer in charge.**	Cum	42.95	7070.20	303665.09
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	42.95		
148	**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200. complete as per specifications and directions of the Engineer in charge.**	tonne	2.58	72326.98	186603.6

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	tonne	2.58		
149	**Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,. (Data Rate)complete as per specifications and directions of the Engineer in charge.**	Sqm	107.38	2337.00	250947.06
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	107.38		
150	**KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202 complete as per specifications and directions of the Engineer in charge.**	cum	224.36	483.20	108408.96
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	224.36		
151	**Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications and directions of the Engineer in charge.**	cum	203.40	6365.30	1294702.02
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	203.40		
152	**Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed complete as per specifications and directions of the Engineer in charge.**	cum	232.20	333.74	77494.42
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	232.20		
				SUB TOTAL	60909658.69
				GST Charges (12% of estimated cost)	7309078
				DPR CHARGES (1%)	609090
				PMC CHARGES (1%)	609090
				Tender Premium (5% of Estimated Cost)	3045449
				Miscellenious and rounding	17634
				TOTAL AMOUNT	72500000
				SEVEN CRORE TWENTY FIVE LAKHS ONLY	

Administrative Sanction for Rs ....72.50 lakhs
Seven Crore Twenty five lakh only
is accorded under head ....2018-19....
Chief Minister's Nesaveemajavathana
Registered as CE No ..... Subject
contained in enclosed memo
EE/YNK/AS/101/2018-19 Dt: 7.2.2019
Executive Engineer

Technical Sanction
Accorded for Rs.72.50 Lakhs.
Head of A/C Annexure-2
CER NO :226 Dt:08.11.2019
CE (YNK)

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019,Issue rates and Data Rates.

Assistant Engineer
Yelahanka Division
BBMP

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎ.ಪ, ಬೆಂಗಳೂರು-106
Assistant Executive Engineer
Yelahanka Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

RUDRAPRASAD CONSULTANTS BANGALORE